

Claims

- [c1] 1. A restraining net launching device comprising:
a planar restraining net which is tightly packed into a cylindrical shape having an outside portion, said restraining net when planar including a perimeter which is heavier than a remainder of said net;
a launcher in which said packed net is loaded and from which said packed net is launched along a longitudinal axis of said launcher, said launcher including rifling which engages the outside portion of said packed net during launching; and
a source of propelling gas for propelling said tightly packed restraining net out of said launcher during launching such that the rifling of said launcher engaging the outside portion causes said tightly packed restraining net to rotate about the longitudinal axis and unfurl after exiting said launcher with the heavier perimeter radially outermost.
- [c2] 2. A restraining net launching device as claimed in claim 1:
wherein said launcher includes
a) an elongate launch cup in which said packed net is lo-

cated, said launch cup including a rear wall, an open front, an elongate barrel wall extending between said rear wall and said open front, and rifling along an interior surface of said barrel wall, and

b)a hollow extension projecting from the rear wall of said launch cup; and

wherein said source of propelling gas is a muzzle to which said extension of said launch cup is attached for transferring propelling gas formed in said muzzle into an area adjacent the rear wall of said launch cup.

[c3] 3. A restraining net launching device as claimed in claim 2, wherein said launcher further includes a gas seal member in said launch cup located between said packed net and said rear wall of said launch cup.

[c4] 4. A restraining net launching device as claimed in claim 1:

wherein said launcher includes

a)a gun barrel having a rifled bore and a rear breech, and

b)a cartridge case in which said packed net is located and which is received in said breech said cartridge case, said cartridge case including a rear wall and an open front; and

wherein said source of propelling gas is a charge provided in said cartridge case between said packed net and said rear wall.

[c5] 5. A restraining net launching device as claimed in claim 4, wherein said launcher further includes a gas seal member located between said packed net and said charge.

[c6] 6. A restraining net launching device as claimed in claim 4, wherein said cartridge case further includes a protective cap which covers the open front thereof.

[c7] 7. A restraining net launching device as claimed in claim 1:

wherein said launcher includes

a) a gun barrel having a smooth bore and a rear breech, and

b) a cartridge case in which said packed net is located and which is received in said breech, said cartridge case including a rear wall, an open front, and rifling along an interior wall of said cartridge case between said rear wall and said open front; and

wherein said source of propelling gas is a charge provided in said cartridge case between said packed net and said rear wall.

[c8] 8 A restraining net launching device as claimed in claim 7, wherein said launcher further includes a gas seal member located between said packed net and said

charge.

- [c9] 9. A restraining net launching device as claimed in claim 7, wherein said cartridge case further includes a protective cap which covers the open front thereof.